

Patent Application of James D. Wayne Gray for "Asset Management Of Livestock In An Open Range Using Satellite Communications"

Page 26

ABSTRACT: A livestock asset management system utilizing an electronic ear tag **14** capable of operating on an open range, corral, or feedlot. The electronic ear tag **14** is capable of reading a radio frequency identification device (RFID) **24**, storing that data in a processing unit in the ear tag **36**, and then transmitting data to a satellite **12**, which relays the information of an individual animal to a hub server **16** that appends a data record and makes that record available over a network **10** for display on a network access device such as a computer **18**. An individual or group of animal records can be appended manually or semi-automatically by the livestock owner using a network interface device such as a personal computer **18**. With automatic notification to livestock owner if data from the ear tag is outside a pre-defined limit **70** along with graphical displays **60** of same information.